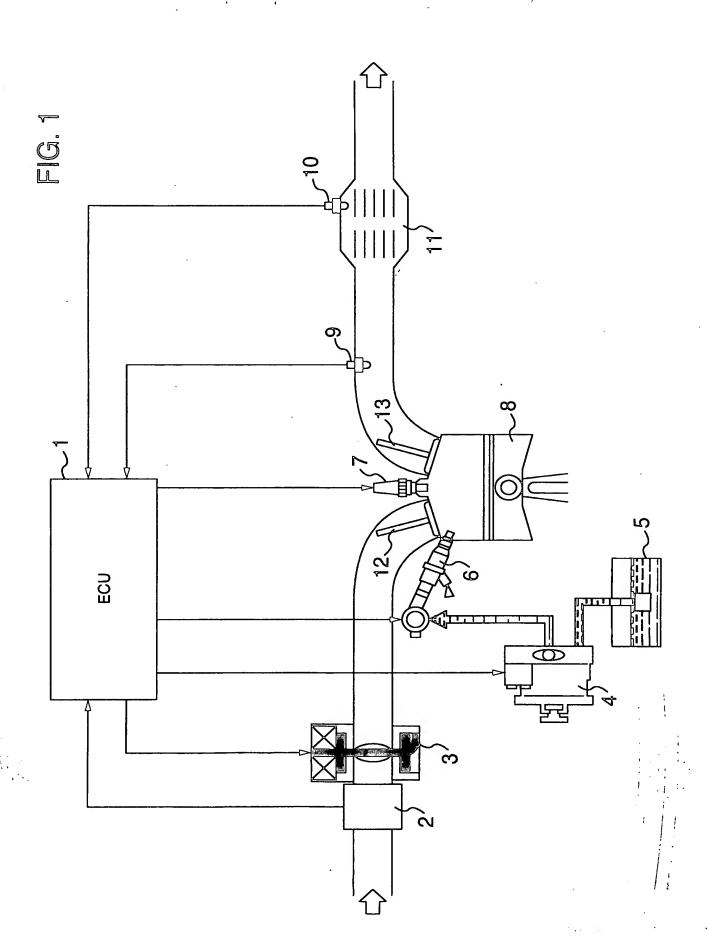
Fra. NE.

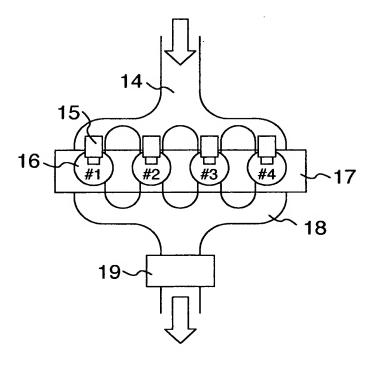




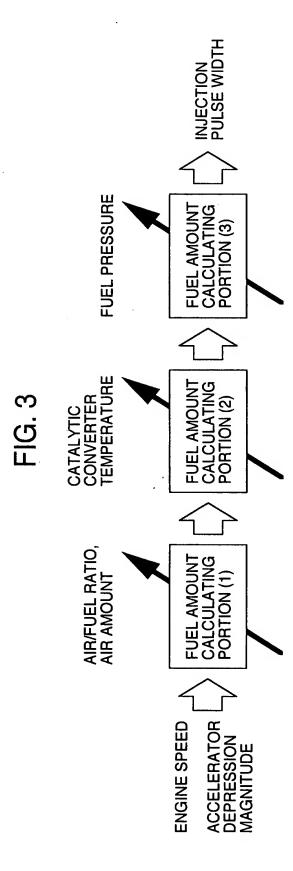
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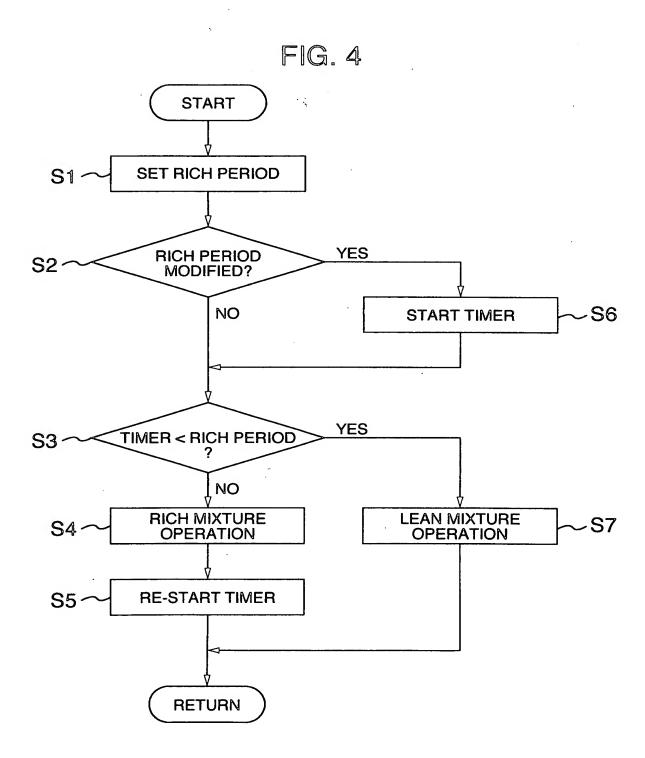
FIG. 2



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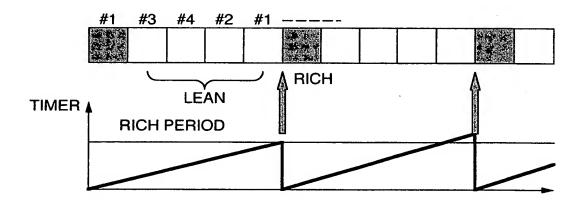


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FIG. 5



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FIG. 6A

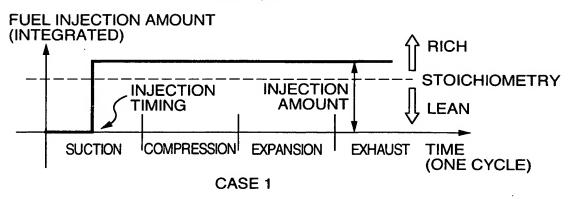


FIG. 6B

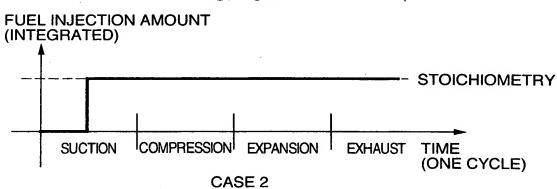
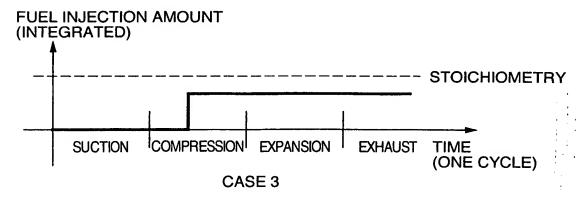
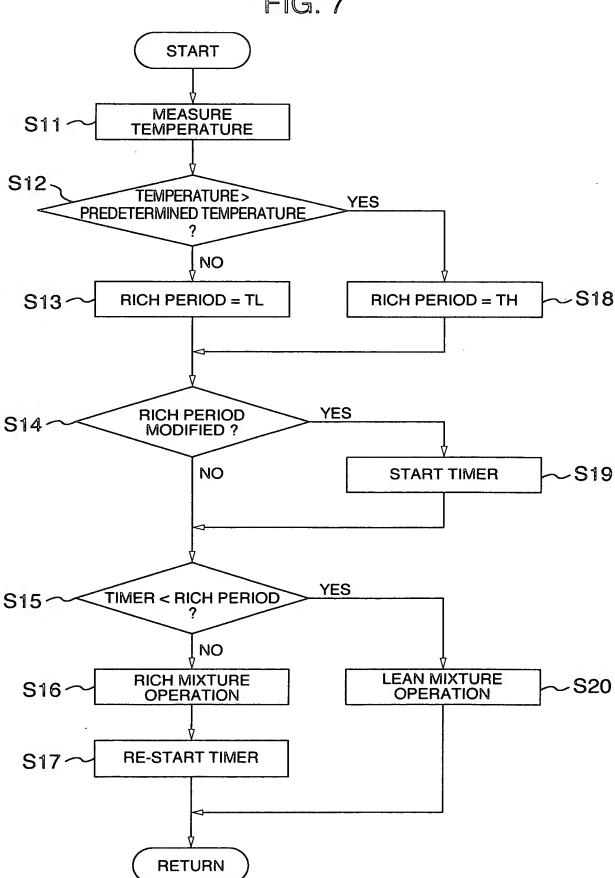


FIG. 6C



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FIG. 7



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FIG. 8

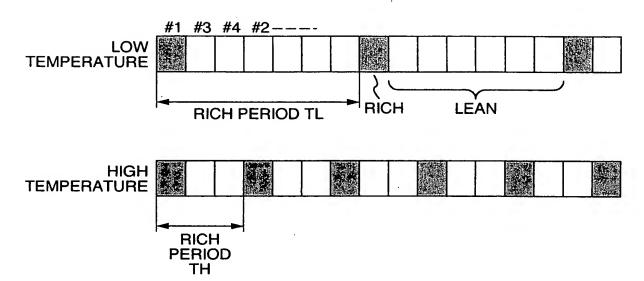
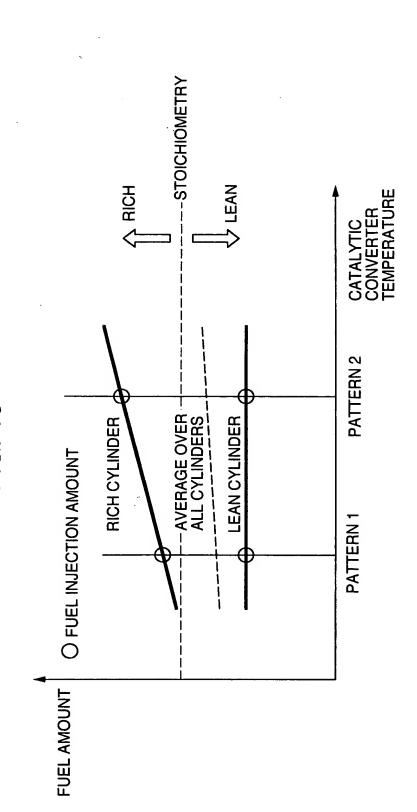


FIG. 9 **START MEASURE** S31 · **TEMPERATURE** S32 TEMPERATURE > YES PREDETERMINED TEMPERATURE NO SET FUEL FOR PATTERN 2 SET FUEL FOR **S34 S33** PATTERN 1 RETURN

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FIG. 11A

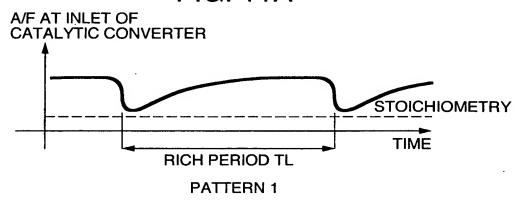


FIG. 11B

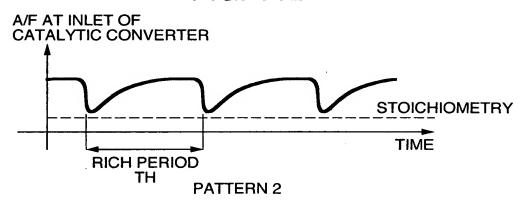
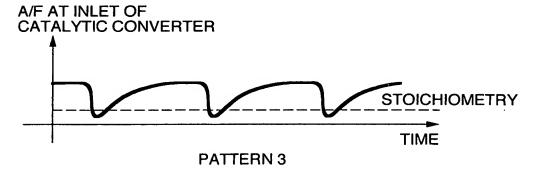


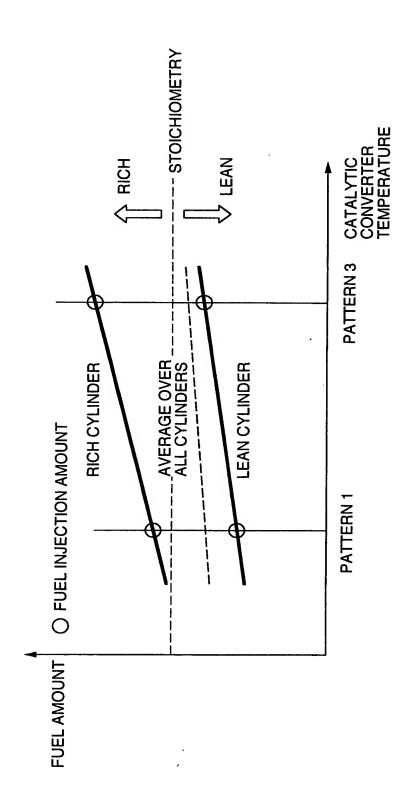
FIG. 11C



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FIG. 12



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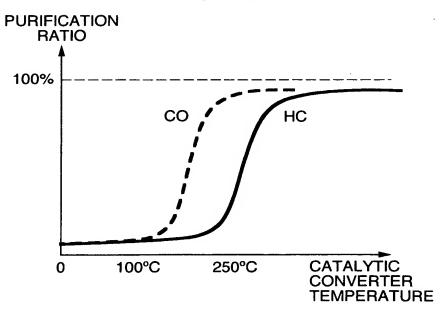


FIG. 14A

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#2 EXHAUST #2 EXHAUST #4 EXHAUST #4 EXHAUST LEAN OR STOICHIOMETRY LEAN FIG. 14B #3 EXHAUST #3 EXHAUST #1 EXHAUST #1 EXHAUST R S H CO AMOUNT INCREASED **LOW TEMPERATURE HIGH TEMPERATURE**

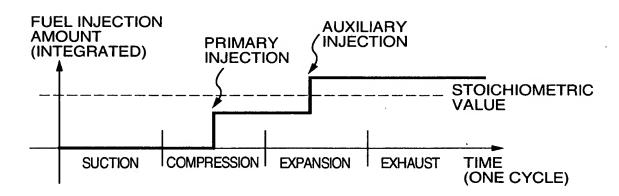
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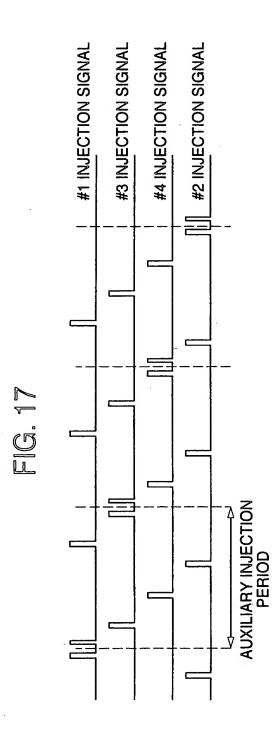
FIG. 15 **START** SET AUXILIARY INJECTION PERIOD **S41** AUXILIARY INJECTION PERIOD **YES** S42-MODIFIED? **S46** NO START TIMER TIMER < YES **AUXILIARY INJECTION** S43 -PERIOD? NO PERMIT AUXILIARY INJECTION INHIBIT AUXILIARY INJECTION **S47 RE-START TIMER S45 RETURN**

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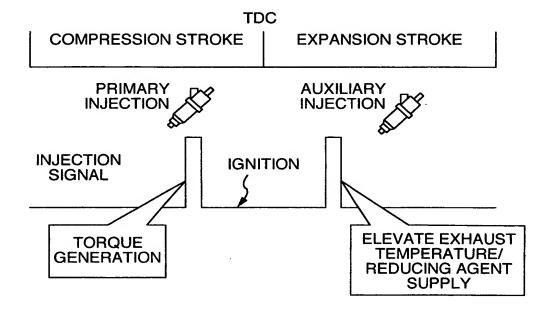
FIG. 16





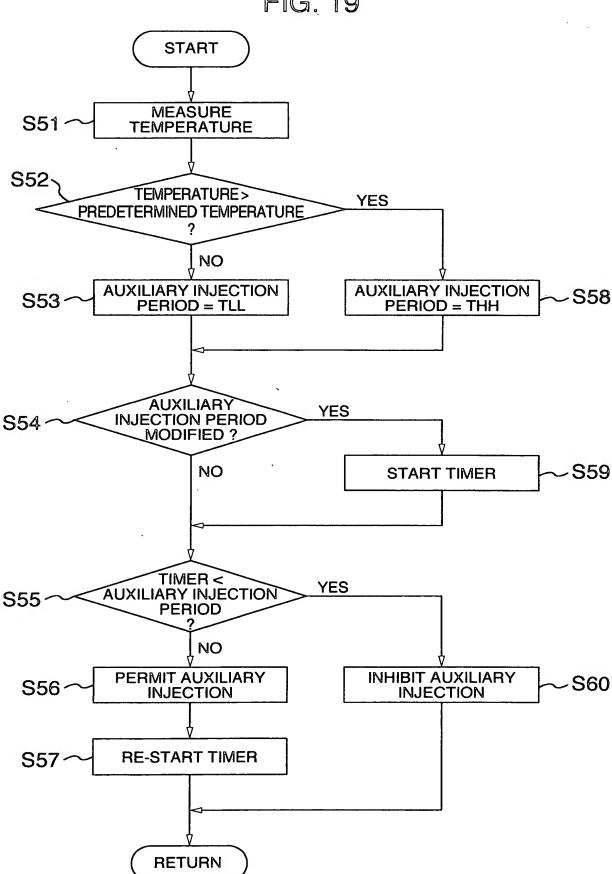
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FIG. 19



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WHEN CATALYST TEMPERATURE IS LOWER THAN PREDETERMINED VALUE FIG. 20A

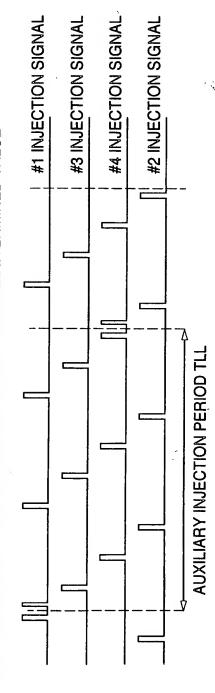
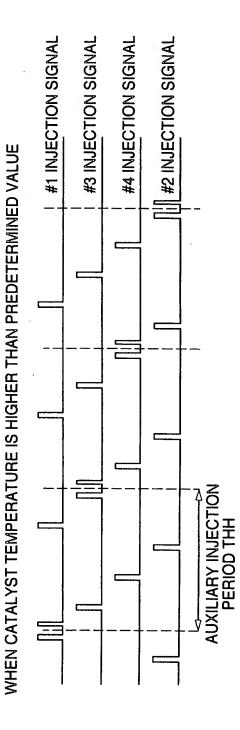
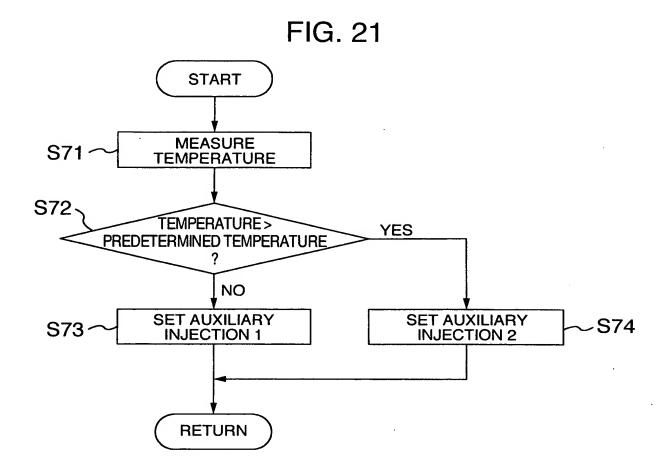
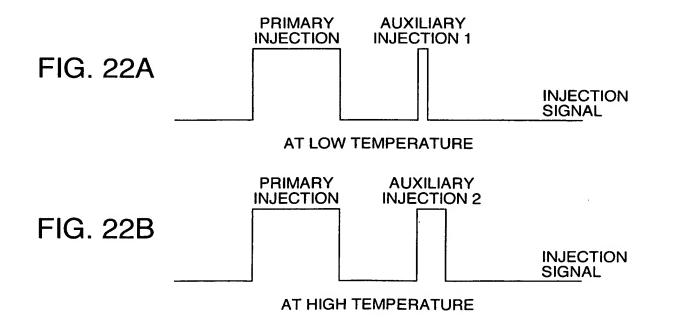


FIG. 20B



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S81

MEASURE TEMPERATURE

S82

TEMPERATURE

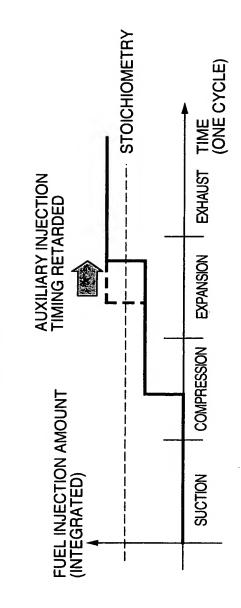
PREDETERMINED TEMPERATURE

NO

RETARD INJECTION TIMING

S83

SET INJECTION TIMING



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FIG. 25 **START MEASURE S91 TEMPERATURE** S92. TEMPERATURE > **YES** PREDETERMINED TEMPERATURE **S96** NO START TIMER TIMER < **YES** IGNITION INHIBITING PERIOD S93 -NO INHIBIT IGNITION **PERMIT IGNITION S97** S94 S95 **RESTART TIMER RETURN**

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